GRUMMAN
plane news

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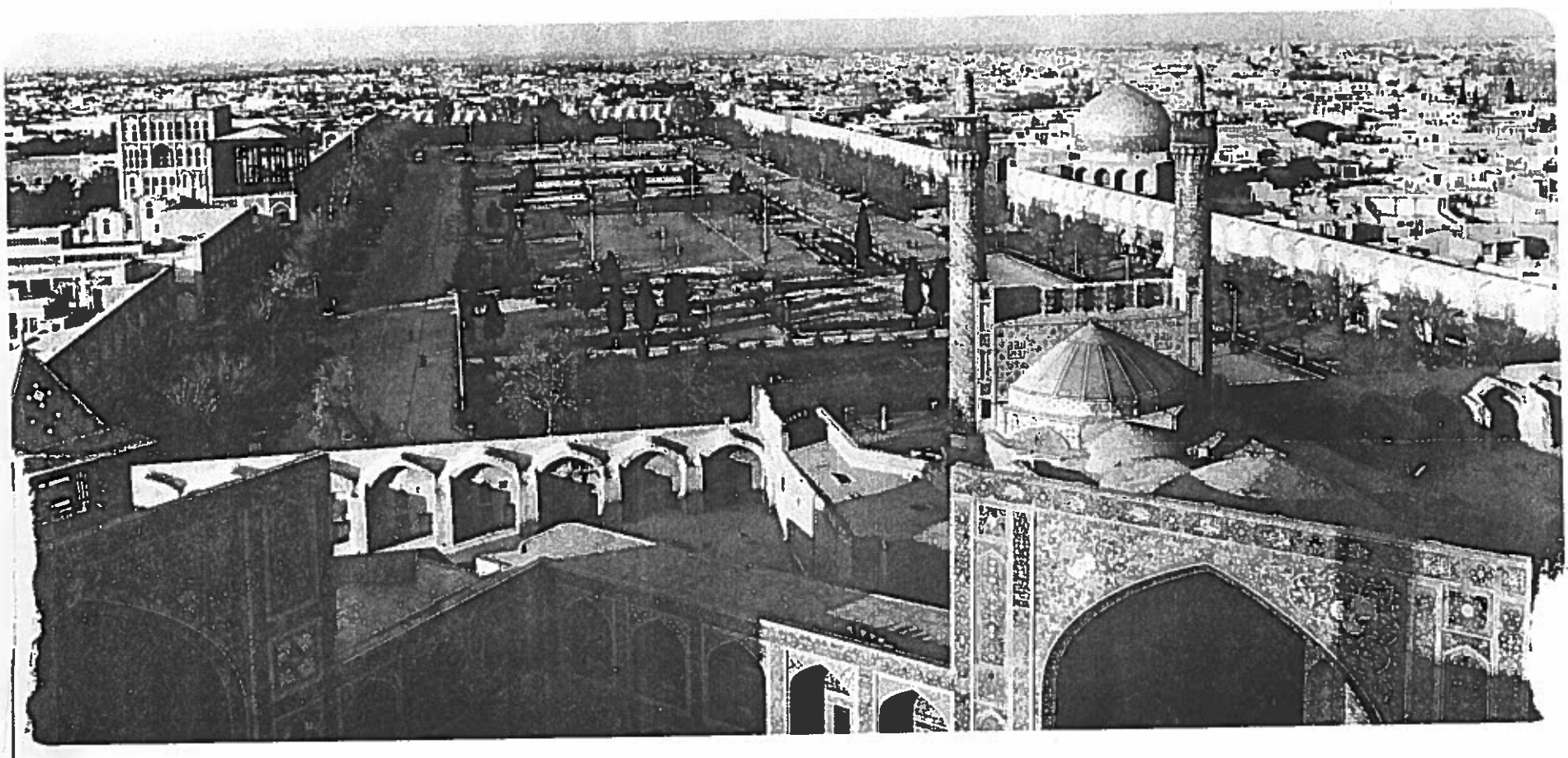


Adjusting to a new way of life in Isfahan

ISFAHAN, IRAN — Majestic mosques share the city's skyline with modern buildings... women dressed in the latest fashions walk side-by-side down the avenue with other women wearing chadors, the traditional Iranian outer garment for females...traffic stops on the heavily travelled streets as a donkey laden with goods ambles across an intersection...outside the city, a huge steel manufacturing complex shares the landscape with local carpetmakers washing their wares in streams while readying them for market.

The signs of growth are everywhere in this ancient, historic country, and Iran's age-old institutions and modes of life, though not yielding to modernization, are sometimes caught in the rush. The face of Iran is changing, almost daily, as economic progress has spurred this country toward becoming one of the most industrialized countries in the world.

The Iranian people aren't the only ones caught up in the changing times. Today, over 70 Grummanites and their families are also adapting to new lifestyles in Isfahan. Grummanites are in Iran to train and assist the Iranians in the maintaining and supporting the F-14 Tomcat. Before Grumman families journeyed to Iran, they participated in a special trans-cultural program designed to assist families in the transition to their new life in Iran. The program included such topics as Iranian culture; lessons in Farsi, the language of Iran; and even suggestions on what to pack for such a trip.

But when the first contingent of Americans flew to Isfahan in late 1975, they soon learned that nothing is exactly the same as it is in travel booklets...or trans-cultural programs. The early arrivers were not prepared to handle the situations that confronted them in their new homeland.

Gone were the little things taken for granted — fast-food chains, family cars, telephones, and sprawling shopping malls.

At that stage of the F-14 Iran program, homesites for Grummanites had not yet been built. That meant living in hotels, sometimes for many months. Children stayed in rooms down the hall, or, in the cases of larger families, on different floors. Local restaurants featuring unfamiliar menus were not like mom's home cooking, and occasional bouts with dysentery confirmed that evaluation. And perhaps the most difficult obstacle for American shoppers was that local merchants didn't understand English. And very few Americans had tried to learn Farsi.

Every evening, Grumman wives greeted their husbands with their troubles. But husbands had their own — a 25-mile bus ride to a base, not yet completed, and there they, too, had to learn to get the job done in spite of any language barrier.

Recreational activities were scarce; children became easily bored. Some teenagers slipped out at night to explore the city.

This land 7,000 miles from "home" tried even the closest-knit families. Approximately 12.8 percent of the Grumman families packed it in and returned to the States in 1976. Most common reasons cited were trouble in adapting to a new way of life, and family problems.

(Continued on page 5)

Investment plan offers new features in '78

Nineteen seventy-eight marks another year of improvements for the Grumman Employee Investment Plan (EIP), reports Grumman Corporation Chairman Jack Bierwirth.

"Since the Plan was established in 1965 to help Grummanites prepare financially for their future via a long-term investment plan, changes have been made over the years to make the plan even more attractive," says Bierwirth. "This year's improvements follow this trend."

Headlining this year's changes is a new method of investing open to all EIP participants.

Called the Guaranteed Income Fund, this latest innovation will become available late this spring. Unlike the Company Stock Fund, Fixed Income Fund and Equity Fund Investments which are affected by fluctuating market values, this upcoming option will yield a guaranteed return on participants' contribution.

In addition to being safer and more stable than the other methods of long-term investment, Guaranteed Income Funds, generally offer higher interest yields than savings banks, says Bob Bradshaw, Grumman Corporation Secretary.

Grumman is now working out the details of this new investment alternative. These developments will be reported as they occur.

Effective immediately

The following changes to the Employee Investment Plan became effective as of January 1, 1978:

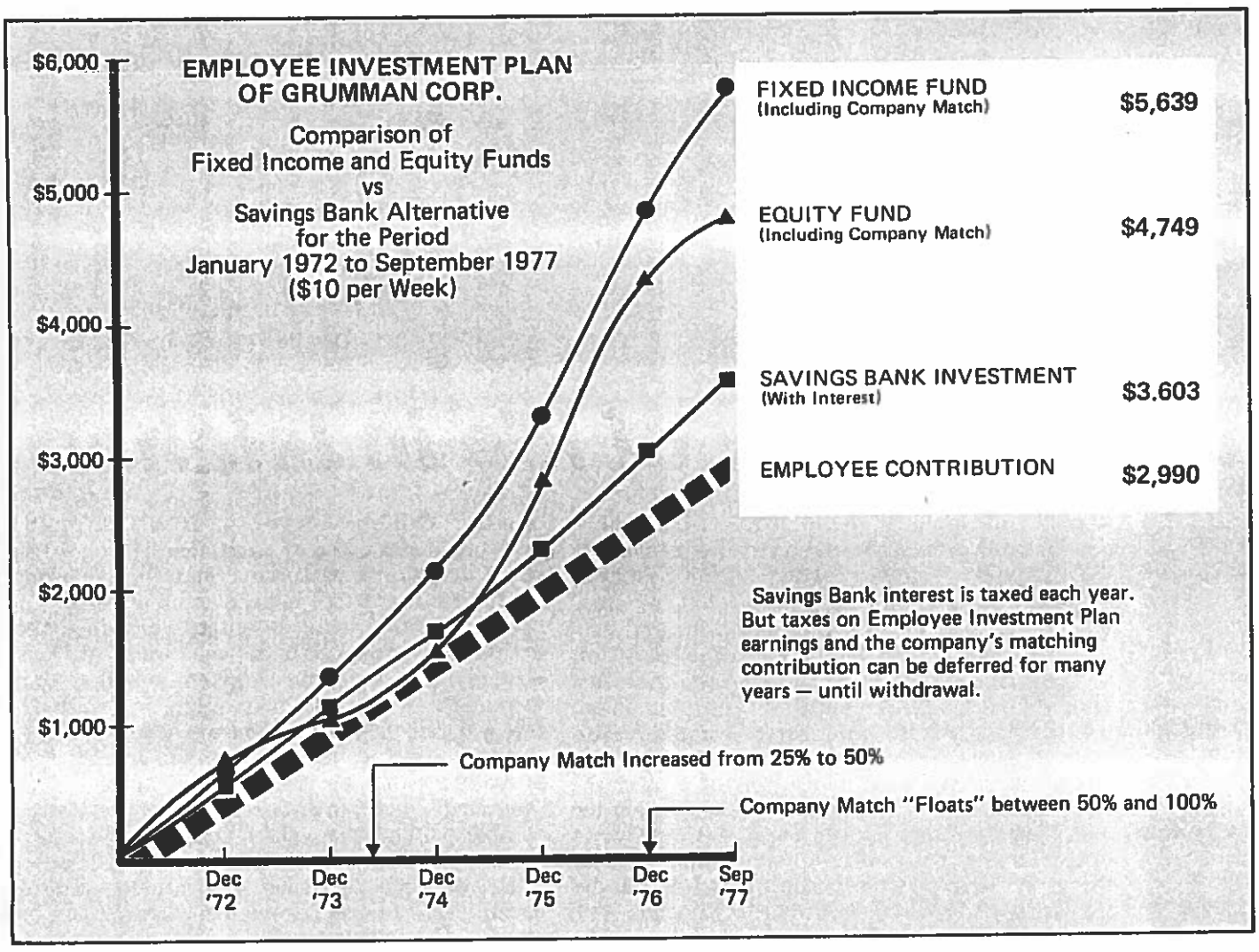
- Participants actively employed at Grumman are permitted to make lump sum contributions amounting to the difference if any between their actual contributions and up to 10 percent of their cumulative base pay since they joined the Plan. (Since the Plan's inception, participants have been able to contribute up to 10 percent of their annual base salary via payroll deduction into the Plan.)

For example: you joined the Plan in 1975: Your salary was $10,000 in '75; $11,000 in '76; and $12,000 in '77; you have been contributing 4% of your base pay—$400 for '75; $440 for '76; and $480 for '77. You may now invest up to an additional 6% for each year in a lump sum; i.e., $600 for '75; $660 for '76; and $720 in '77. That amounts to $1,980, which is the maximum lump sum contribution you are now allowed to make.

- All participants may replace moneys that they have withdrawn from the Investment Plan. (There are of course, no company matching contributions made on lump sum contributions or replacements.)
- Participants may reinvest their past contributions as often as once every six months instead of the previous requirement of not more than once every 12 months.
- Retirees and former employees who are EIP participants are now permitted to withdraw their own contributions as though they were active employees.
- A new Grumman employee may invest certain monies accumulated in a former employee benefit plan into the Grumman Employee Investment Plan.

Anyone regularly employed by the company for three months may become a member of the Plan and enjoy the updated benefits. Participants can contribute by payroll deduction from one percent to 10 percent of their base pay rate. The company will match, in the form of Grumman Common Stock, between 50-100 percent of the participant's contribution up to the first four percent. For the first quarter of 1978, Grumman is contributing 50 percent. This contribution is based upon the company's financial performance during the four quarters preceding the announcement—in this case, the last quarter of 1976 and the first three quarters of 1977.

Prospective members have a choice of Investment possibilities. They may invest in Grumman Common Stock, the Equity Fund, the Fixed Income Fund, or, when available, the Guaranteed Income Fund or a combination of these funds. Further information and sign-up cards may be obtained from the Investment Plan Office in Plant 28, Ext. 7250.


EMPLOYEE INVESTMENT PLAN OF GRUMMAN CORP.
Comparison of Fixed Income and Equity Funds vs Savings Bank Alternative for the Period January 1972 to September 1977 ($10 per Week)
$6,000
$5,000
$4,000
$3,000
$2,000
$1,000
FIXED INCOME FUND (Including Company Match) $5,639
EQUITY FUND (Including Company Match) $4,749
SAVINGS BANK INVESTMENT (With Interest) $3.603
EMPLOYEE CONTRIBUTION $2,990
Savings Bank interest is taxed each year. But taxes on Employee Investment Plan earnings and the company's matching contribution can be deferred for many years — until withdrawal.
Company Match Increased from 25% to 50%
Company Match "Floats" between 50% and 100%
Dec '72
Dec '73
Dec '74
Dec '75
Dec '76
Sep '77

Past performance. *Though you can't predict the future investment market performance, the chart above shows how over the past five years, employees would have fared if they contributed $10 a week to the Employee Investment Plan vs. a savings bank.*

obituaries

PETER BERGEMAN of Templates, Plant 11, died December 7 at the age of 59. He had been with the company since 1942 and resided at 1271 Jerusalem Ave., No. Merrick.

HENRY CHODAK of Hydraulics, Plant 2, died December 11 at the age of 63. He was with Grumman since 1944 and lived at 32 E. Marshall St., Hempstead.

EUGENE J. NOLAN of Corp. Syster Plant 30, died December 11 at the age 58. He was with the company since 19 and lived at 158 Bay Rd., Huntington.

ARTHUR L. PRATTE JR. of Plant P tection, Plant 18, died December 20 the age of 59. He had been with the co pany since 1964 and lived at 10 Stew Ave., Copiague.

EDWARD W. NIXON of Structu Design, Plant 25, died January 4 at t age of 56. He had been with the compar since 1955 and lived at 6 South Lot Ro Smithtown.

WILLIAM GEGUZIS of Structures, Plan 6, died December 29 at the age of 44. H had been with Grumman since 1964 and resided at 926 Hawkins Ave., Lake Grove.

FRANK KOELBEL JR. of Field Mnt. A/C Sys. CMS, Plant 60, died January 3 at the age of 36. He had been with the company since 1968 and resided at 4 Holiday Park Dr., Centereach.

ALBERT OESTREICH of Maint. Admin., Plant 58, died December 29 at the age of 63. He was with Grumman since 1969 and lived in Berryville, Va.

ANDREW SHREENES of Tech. Ops., Plant 77, died January 8 at the age of 59. He had been with the company since 1946 and resided at 1708 N.E. 21 Terrace, Jensen Beach, Fla.

Personals

I wish to thank my friends at Grumman and Employee Services for their thoughtfulness and concern during my recuperation from surgery. Herb Watman

We wish to thank all our friends, coworkers and Employee Services for their kind expressions of sympathies that we received after the recent loss of our daughter. Joseph and Helen Oakes

Skurla's on the road again; visits Grummanites in Iran

The trip took just a few hours more than a week's time, with takeoff from Bethpage on Friday morning, December 15th and touchdown at Calverton on Thursday afternoon, December 22nd.

In between, George Skurla made one of the fastest and busiest business trips on record. It was a productive one, too, said Skurla. He was referring primarily to his talks with General Toufanian, Vice Minister of War; General Amir Hossein Rabii, Commander-in-Chief of the Imperial Iranian Air Force (IIAF) and General Abdul Hossein MinuSepehr, F-14 Program Director and Commander of the 8th Tactical Fighter Base.

When it was finished, the Chairman and President of Grumman Aerospace had travelled about 15,000 miles round-trip to Iran, conferred with three high Iranian officials, visited with Grumman families in Tehran and Isfahan, viewed the progress on the F-14 Mod Program at Tehran, and toured Khatami Air Base where the F-14 is in service with the Imperial Iranian Air Force. In between, he spent a couple of hours updating a number of Grummanites on company affairs after he had presented them with service watches and pins.

GRUMMAN plane news

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Name contribution committee members

Eleven Grummanites have been named as members of the new Employee Contribution Council to help determine which charitable and cultural organizations should receive corporate contributions.

In announcing the formation of the Council last September, Grumman Corporation Chairman Jack Bierwirth said that it would " . . . enable Grummanites to participate in the decision process and also enable the company to use the considerable experience and talents that many Grumman men and women have in the field of social action."

Working with the existing Contributions Committee of the Grumman Board of Directors, the council will identify organizations deserving corporate support, establish screening criteria, and recommend contributions to the corporate Board committee, says Jack Rettaliata, Grumman Corporation Vice President-Community Affairs. Rettaliata is chairman of the new employee council.

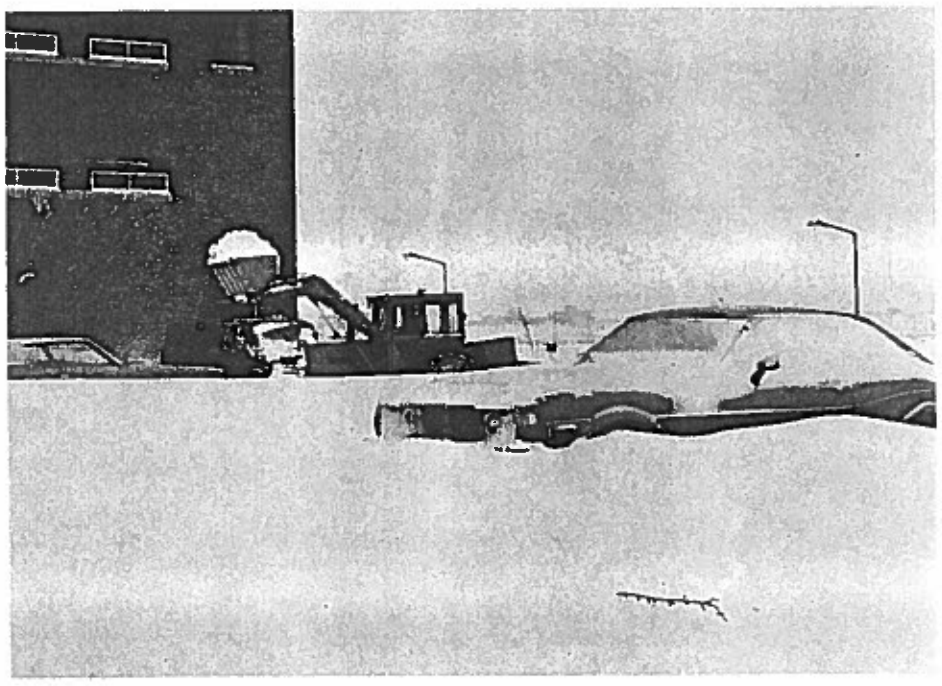
"We have selected members who have shown substantial interest and participation in community and corporate activities," says Rettaliata. "We also need people who know the pulse and direction of the company relative to social responsibilities, and those with practical business backgrounds to guide the financial and business operations of the council."

From Grumman Corporation, the members are: Margaret Armstrong, Assistant to the Vice President-Public Affairs; Lloyd Lee, Assistant Secretary of Grumman Corporation; Fred Edwards, Assistant to the Vice President-Development; and Dave Arnold of the Controller's staff. Lee is on the hospital allocation fund for the United Way and is a board member of Mather Memorial Hospital. Edwards has past involvement with college fund drives and the Hauppauge Civic Association, and Arnold is on the United Way allocation committee.

The Grumman Aerospace representatives are Jack Carroll of the Executive Staff, and Bill Johnson, a leadman in the Welding Tool Shop, Plant 2. Johnson is a housing commissioner of the City of Glen Cove, the director of the Glen Cove Child Day Care Center, and a member of the Health and Welfare Council of Nassau County.

Al Lemlein, Senior Vice President of Grumman American, will represent that subsidiary. Lemlein is on the board of the American Cancer Society, the Advisory Council of the Boy Scouts of America, and is a member of the Savannah Chamber of Commerce. Kip Towl, Vice President-Grumman Olsen, will be the voice for Grumman Allied. From Grumman Data Systems, the council member is Joan Morris, a programmer in Production Software Systems. Joan has done volunteer work with mentally retarded children, and is a member of the Good Will Association. Grumman International will be represented by Al Wallace, director of Administration.

Stop the presses, we're snowbound!



WE 6-1212. "The Deer Park temperature reading at 8:25 p.m. is 28°. Snow accumulation of one to three inches, changing to rain later this evening." Hey, that's no big deal, right? We might as well get all this stuff finished and leave when it lets up. That's what we said at 9:00 on Thursday night. And that's how we got to live in the PLANE NEWS office for 31 hours.

We don't always get everything done on time for this paper. Things happen . . . people get sick, interviews get cancelled, new stories surface and priorities change. So once in a while, you have to put in a long night. We figured Thursday night would be over by 11 p.m. or so.

But then the snow didn't change to rain. It kept coming down in thick, heavy flakes until our cars were buried.

"Hey, give me a quarter. I'll be your best friend." If you're going to get snowed in with somebody, pick someone who goes to a laundromat to do their clothes . . . they've always got lots of change for raiding the junk-food machines. Between us, we had over $2 in nickels, dimes, and quarters. We bought two containers of milk, raspberry flip-ettes, a bag of peanut M&M's, a vanilla ice cream pop, and Plantation oatmeal cookies. It wasn't that we were really hungry. For some reason, all that snow and ice and not being able to get home made us want to buy food. I can understand why squirrels store nuts for the winter.

By 6 a.m., we had knocked off two pots of coffee, and written headlines, captions, and a lot of copy that was starting to make no sense to either one of us. Then we called 349-9400, the Grumman weather emergency number. That's when it hit. We had met our deadlines, but the typesetter would be closed, the printer would be closed . . . and we were closed, too. Ten inches of snow had already fallen, and the wind seemed strong enough to blow the big blue ball off the roof of Plant 5.

At 7:30 breakfast was being served in the cafeteria. Bacon and eggs, fries, buttered rolls. Everyone was having fun swapping snowstorm horror stories.

At 9 a.m. or so, sleeping seemed like a good idea. If you ever get snowed in at Plant 5, head for the Executive lobby. They have a great big couch, two fat armchairs, and carpeting so deep it leaves lint on your ankles.

After a few hours of napping and another good meal in the cafeteria (two burgers on an onion roll, home fries, and Pepsi), we got up and walked around again. It was 2:30; there were 16 inches of snow on the ground and we had given up hope of getting home before Ash Wednesday.

Heading down the hall, we noticed lights on in the office of the Chairman and President of Grumman Aerospace Corporation, and poked our heads in.

The fellow in the jeans and denim workshirt turned out to be the Chairman and President of Grumman Aerospace Corporation. He'd been riding shot-gun in a snow plow for a few hours, helping to dig cars out of the drifts.

"Hi, Mr. Skurla."

"Hi, have a hard time getting in?" We explain that we never left.

"By the way," he says as the 17th inch of snow falls, "that article we spoke about. I'd like to see it."

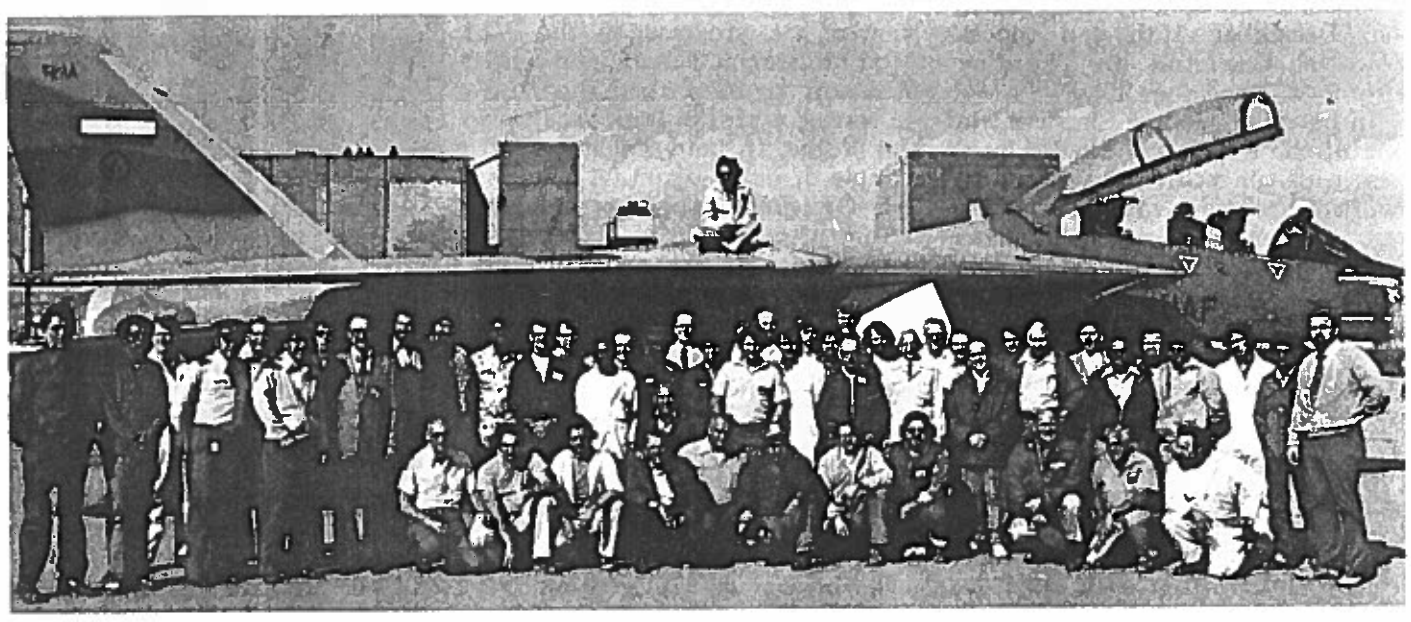
This guy doesn't fool around.

But he makes a few phone calls, and we learn that through his intervention with the Transportation Department in Plant 20, we're going to get home today after all.

"You know, Kath," I say as we get into the car with the snow chained tires, "the paper's going to be late anyway. We did this for nothing."

"Yeah, but look at it this way—if today was a regular Friday, you're getting out an hour early."

F-14 mod team keeps quick pace in Iran



TEHRAN, IRAN — This bustling metropolis and capital city is home for about four million Iranians, and in July of last year its population increased slightly with the arrival of a Grumman F-14 manufacturing team here to modify F-14s in service with the Imperial Iranian Air Force.

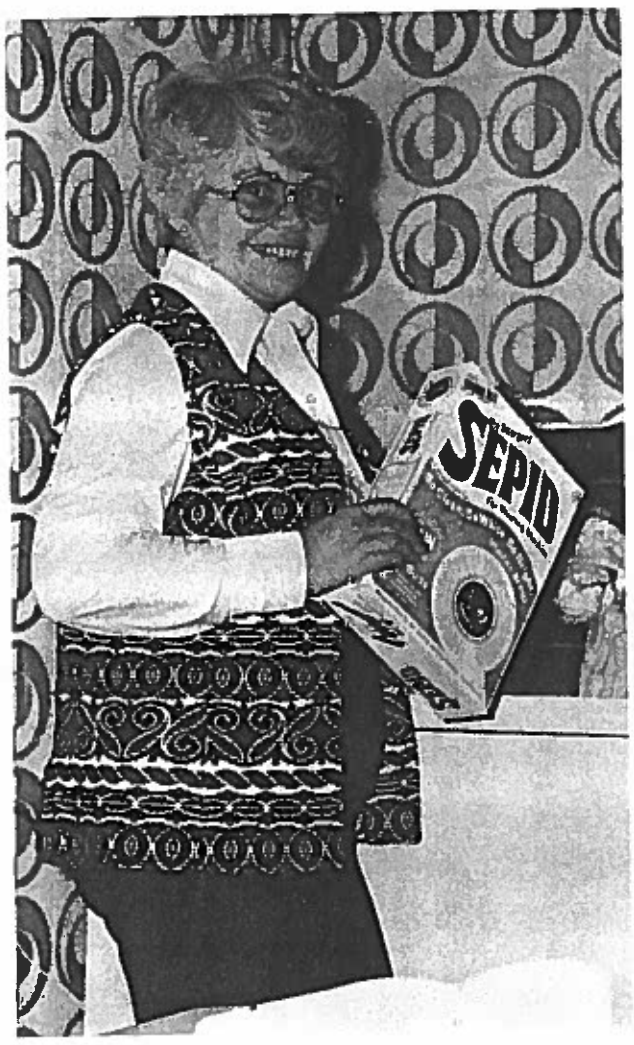
Headed by Bill Lamberta, the 94-member group includes such specialists as hydraulic and weapon system technicians, engine mechanics, and plane captains, who signed up for the four-month tour to incorporate structural changes in the F-14's engine housings.

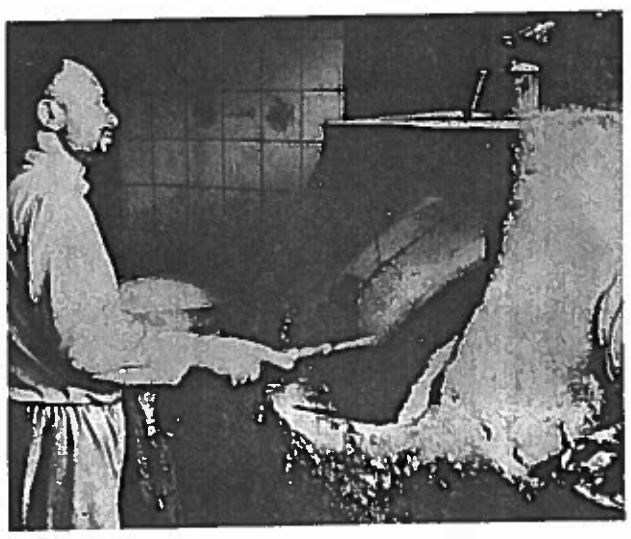
Lamberta admits the days are long —the men on the two shifts work a minimum 50-hour, five-day week. But he views the Iran tour not only as an opportunity for the team members to travel in a part of the world very few Americans get to see, but also as a way to save money because of extra field allowance, free housing and transportation, a shift differential, and bonus arrangement.

Of course, there are drawbacks: Wives and families can't always make the trip because it is short; although many Iranians speak English, not many Americans can speak Farsi; and though there are daily movies, recreation rooms, and bus tours to historic and scenic sites in Iran, there are no pro football, hockey, or basketball games on television.

But despite their separation from home and family, the Grumman team is getting the job done, on schedule. In the accompanying photo, Grummanites and Iranians associated with the program are shown in October celebrating the completion of the first F-14 that went through the mod program.

Since their arrival, Lamberta says that 18 of the group have extended their assignments, but more sign-ups are needed. Should you have the necessary technical skills and be interested in signing up for the F-14 mod program in Iran, please call Tom Gillen, Ext. 5679. The program is slated to be completed by June 1.





F-14 families put down roots in Isfahan

(Continued from page 1)

As the F-14 program matured, across-the-board improvements evolved. The trans-cultural program was, and continues to be, revised to reflect a more realistic presentation of what life in Iran is all about. The Grumman experience in Iran has also reinforced the belief that adapting to a new culture and new lifestyle demands that those embarking on the journey be flexible and emotionally adaptable as well. So the selection process in the States became more important; husbands and wives are interviewed together for the tour assignment, and those that pass the screening attend the trans-cultural seminars together as well.

Turn-key operation

Today, when Grumman families arrive in Isfahan, they usually move into their new Iranian home within 48 hours.

Their new homes are completely furnished — each has its own linens, cooking utensils, refrigerator, freezer, air conditioners, eating utensils and dishes, washer and dryer.

Other appliances may be purchased from local merchants. Says Kathleen Lindsay, "A dishwasher was our first major purchase when we moved into Khaneh. When we left Iran last November, we had little trouble selling it at slightly less than we bought it."

Grummanites live in two communities outside the city of Isfahan: Khaneh and Shahin Shahr. Located 15 minutes north of Isfahan, Khaneh consists of one- and two-story homes with three or four bedrooms. Most of the Grumman families live in this community.

Shahin Shahr is the hometown for the remainder of the F-14 families. About 15 miles (30 minutes) north of Khaneh, this complex consists of single story homes, each with a front porch. Two, three, and four bedroom units are available here. Though all the houses are equipped with basic furniture — it's not the latest styles from Sloanes but it is attractive and comfortable — it didn't take long before families started adding their own personal touches to their new homes. Popular additions to households are Persian carpets, camel-seat chairs, and bronze and copper plaques and vessels.

No more wheels

Another transition Americans had to make was going from a two-car to no-car family. At the beginning of the program because of certain Iranian legal customs, families were discouraged from driving cars. After several policy changes, which included carpools with Iranian drivers and mini-bus shuttles, the company initiated a monthly transportation allowance plan which has improved every family's mobility.

Each month, every F-14 household receives a $150 transportation allowance, in addition to free mini-bus system usage. Grummanites then decide which mode of transportation they prefer. Some utilize the extensive mini-bus shuttle system; some hire cars with Iranian drivers; and quite a few hardy Americans choose to join their hosts in daily traffic jams where some drive as if anything goes. "Every time you get into your car, it's defensive driving all the way," says one Grummanite. "Iranians love to challenge; usually the driver who has the loudest horn wins road supremacy."

Unlike large American cars, most autos available (and affordable) are two- or four-cylinder mini-compacts. There is little depreciation of cars in Iran because of the demand. Jeeps are a big item.

There are about 1,500 students in the Grumman community; most of them enrolled in the American School of Isfahan, operated by the International Schools Services of Princeton, New Jersey. In addition, dependents of families representing Bell Helicopter, Hughes Aircraft, DuPont, Brown and Root and Aria Cement, plus others also attend the school. "Grumman children, besides being exposed to a new culture, are also given the opportunity to meet children from all over the U.S.," says Lou de Turris, father of three, who recently returned from Iran with his family.

The Toufanian School, near the Shahin Shahr community, houses grades four through 12. To accommodate younger children, 10 Shahin Shahr housing units have been converted for kindergarten through third grade classes. Approximately one mile from Khaneh is the Kaveh School for grades three through six. Pre-school is available in Khaneh for a nominal fee; one is planned for Shahin Shahr.

All schools are fully accredited and offer a curriculum similar to those offered in New York and California. Average class size ranges from eight to 30 students. Enrichment courses, luxury items that are sometimes offered in American schools (such as movie making or astronomy), are not available in Iran.

Full calendar of events

After Grummanites moved into permanent housing, they soon gathered their resources and began a wide assortment of activities.

Former volunteer firemen established the F-14 Medical Corpsmen. They're ready for emergencies at the Khatami Air Base and after work, in the residential areas.

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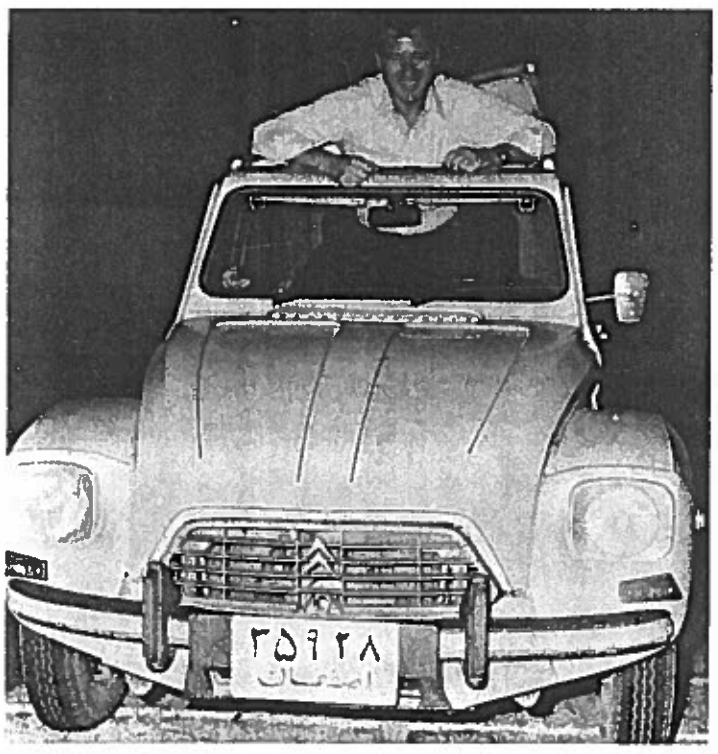
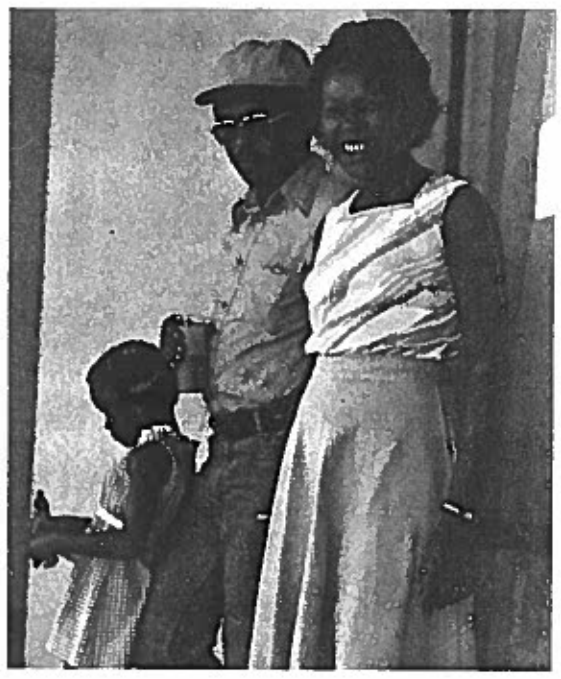
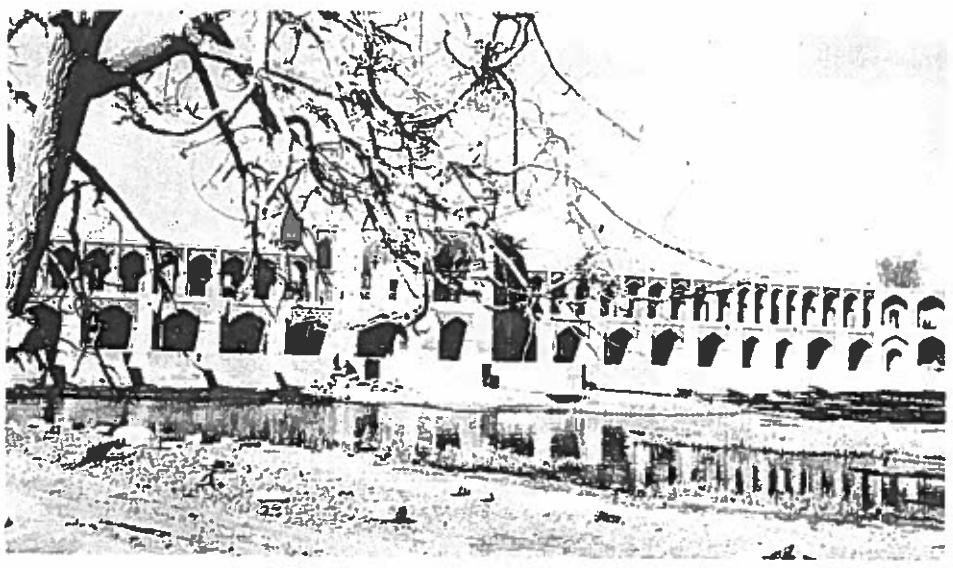




Time-out. *The Price family, John, Loretha and Shanna, relax on the front porch of their Shahin Shahr home.*



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Residents formed civic boards to improve their communities through better lighting, trash pick-up, and to serve as a sounding board for the community.

On the lighter side, square dancers formed the "Kouche (street) Kats." Others joined the Isfahan Players theatre group in the city — centerstage and behind the scenes. In addition, Grumman mothers initiated the Children's Theatre group to stage plays for the tots.

For the athletically inclined, there are softball leagues for all ages, soccer, Little League, "Tee Ball," and basketball.

Parents volunteer their time and energy for scouting programs. A few fathers teach road safety to young motorcyclists; others organize camping trips.

At both the Shahin Shahr and Khaneh Community Centers, courses ranging from advanced Farsi to macrame are offered. Here a library of books, magazines, and sewing patterns grows in volume each week, thanks to donations.

Grumman families keep track of community happenings by reading "Tomcat Tales," a weekly bulletin. Included are the latest bus schedules, coloring contests for children, the N.Y. Times crossword puzzles, classified ads, latest course offerings, general news from home, and tips on cooking.

There are two English newspapers: *Tehran Journal* and *Kayhan International*. Short-wave radios pick up distant English-speaking news broadcasts, as well as local English language programming. Mail from home usually takes eight weeks.

Not for everyone

Though things have improved dramatically since the first Grumman family arrived in Isfahan, it is still not Hicksville.

Iran is not for everyone.

One of the main objectives for going over to Iran is to make money. The company pays for housing and transportation; you supply the food, says Gary Stone of the Grumman F-14 Iran Program office. "You can easily live off your tour allowances in Isfahan," says Stone, "and bank your base pay check."

If you expect to make money in Iran, there are a few items you should consider. "We went over to Iran to build our savings account," says John Price. "The entire first year I worked overtime constantly. The second year I realized that our savings account wouldn't be as large as expected, and cut down on work hours. My objective changed; I enjoyed spending more time with my family."

"If you continue to buy frozen foods and imported goods," says Cynthia Cooper, "you will not save a penny. The best way to live is to adapt to the food of the land."

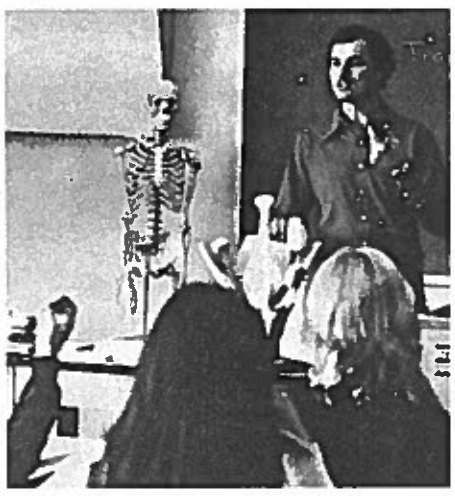
"Travel is too tempting," says Marie Weik. "You're in another part of the world you may never visit again, so you save your money, then end up spending it on Persian carpets or weekend trips to Tehran."

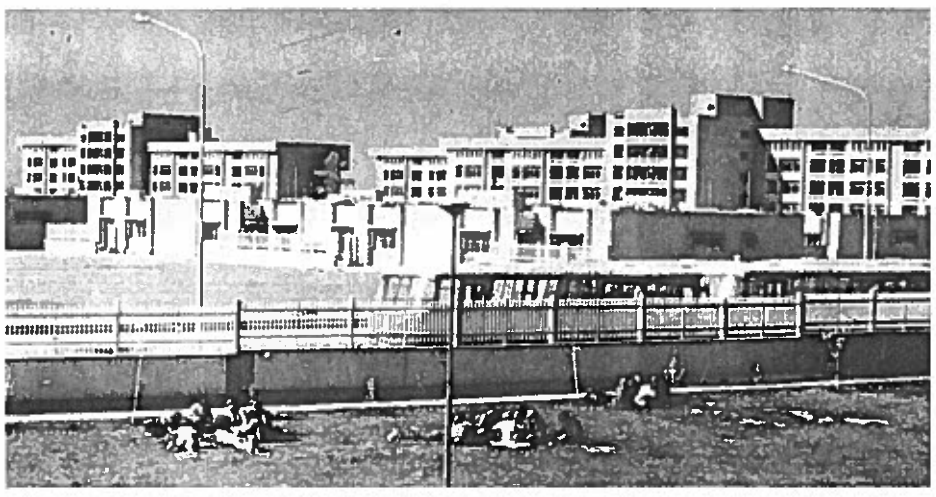
Grummanites in Iran also find that you can't use this assignment as an escape from Stateside problems. "If you have a communication gap with your children on Long Island," says Jim Lindsay, "it's going to grow wider in Iran." Adds his wife Kathleen, "There are so many challenges the entire family has to meet that any previous problems in the States are going to become magnified in Iran."

Iran is also not the ideal location for persons who write a list of things to accomplish today, says John Price. "You have to be a very flexible and easy-going person."

Dan Cooper agrees. "If you make a shopping list in the U.S., it might take you 30 minutes to buy the items in a department store. In Isfahan, it will take you about two to three hours in the bazaar — an ancient shopping mall. But that can be an interesting experience, too, if you approach it that way," he says.

Another recommendation is making a family decision. "It's important for parents and older children to talk about the disadvantages and advantages of living in Iran," says Kathleen Lindsay. "The husband works most of the day at the air base; it's the wife who has to be the most adaptable and adventurous team member. She's the one who bargains with the local merchants and bakes from scratch."





For Cooper's, Iran offers new dimension in living

Ask the Cooper family how long they plan on staying in Iran, and seven-year-old Danny responds, "five more years."

His parents, Dan and Cynthia, and 19-year-old sister Robin laugh at his concept of time. Says Dan Sr., "We've been living in Iran since the fall of 1975 . . . I guess that's a big chunk of time in a little guy's life. Iran has been good for all of us. We hope to extend our tour until 1980."

His wife Cynthia nods in agreement. "When we decided to go over in '75, I was ready for a change in my life. I wanted something to challenge me. I think anyone going to Iran has to be prepared for that. Almost all the details of your daily life are different, and that can be a little unnerving. You have to be very flexible and willing to change a lot of your attitudes if you want to make a go of it."

Talking with the Coopers during their recent Stateside vacation, it is obvious that they have adapted well to their new environment. However, each one of them ran into a few rough spots during the transition.

For Dan, living in Iran meant no more big league baseball games or American sporting events on television.

"Right in the beginning, I guess I used to get a little irritable about it," he says. "You can't buy the morning papers and see who's traded, what the league standings are, or who won last night's game. You don't even know who you should be rooting for anymore."

The former member of the Grumman varsity softball team has attempted to fill that gap by playing for the Grumman Iranian varsity team. "It all works out," Dan says. "After a while, you realize you can live without many things. They lose their importance."

Cynthia found the language barrier to be most frustrating. "In the beginning, just trying to buy aspirin in a drugstore was an ordeal," she says. "Not being able to communicate with other people can be very upsetting. For instance, you can be at a vegetable stand in a crowd of Iranian women, and they're all speaking a language you don't understand. The topic of their conversation is probably cucumbers, but because you feel different, you can convince yourself that they're talking about you. You have to overcome fears like that.

"In some ways, learning to do without things you're used to improves the quality of your life," says Dan. "Because you don't have American TV to entertain you every night, you wind up talking to one another more, and finding things to do together as a family."

Cynthia agrees. "I notice it quite a bit with our kids, especially Danny. Because he's not saturated with commercials all the time, he doesn't have the 'I saw it on TV — let's go buy it' syndrome. It's a simpler kind of childhood. You have to spend time with your kids here . . . do things with them to channel their energy and expand their imaginations."

Cynthia and Danny Cooper

"I think adjustment is easiest for kids Danny's age," says Robin, who graduated from the Toufanian School last June and is now attending a university in Madrid. "Iran is his world. He and his friends don 't know what's going on back in the States."

But for Grumman teenagers, it's a different story. "You always think that you're missing out on something back in the States," Robin says. "Actually, all we're probably missing out on is hanging around Roosevelt Field on a Friday night. And of course, you miss your friends and wonder what they're doing."

One of the most difficult things for Robin to accept was the negative attitude some American kids there have toward the Iranians. "They forget that they're only guests in the Iranians' homeland, and treat the Iranians very rudely. I'm embarrassed to be around them," she says.

"Yes, you do see some of that, and it's very unfortunate," adds her father. "It's the old 'ugly American' superiority syndrome."

On the positive side, Robin says that she enjoyed her year in the Toufanian School, and did well scholastically. "I don't know if it was easier or if I was just studying harder," she says. "You can spend just so much time hanging around the Teen Center."

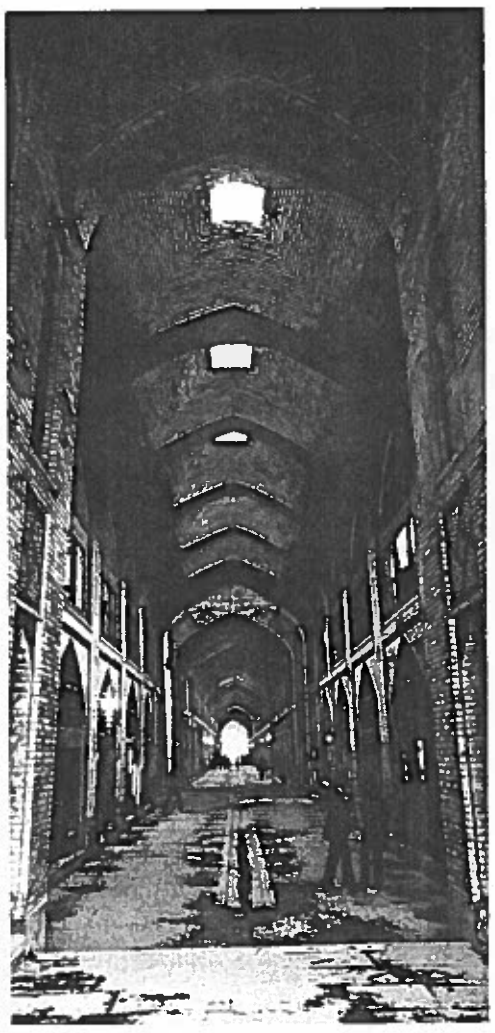
The Teen Center is a two-story house in Khaneh that Grumman converted to a teen recreation center. It features ping pong, a pool table, movies, and a snack bar. Arts and crafts classes are also offered.

To fill up the rest of her spare time in Iran, Robin participated in athletics, especially softball and track. While on the track team, she travelled to Egypt and Afghanistan.

Her brother Danny is quick to point out that he's been doing a little travelling himself. "I've been to England, Spain, and Germany," he says. Asked if there is anything special he'd like to bring back to Iran, he replies, "Mr. Goodbars."

All the Coopers seemed anxious to go "home" to their Khaneh household. What do they call the United States? "Oh, that's *'home*-home,' " replies big Dan with a smile.

Dan Cooper



'Getting back to basics'

"You have to get back to basics."

That's a frequent remark made by many Grummanites living in Iran. It means more than studying your grandmother's cookbook on making bread from scratch, or mending your son's favorite tennis socks. To them, it represents the basic approach to living.

Situated in a land 7,000 miles from home, do you isolate yourselves from your surroundings and let the world go by for two years. . .or do you jump into the mainstream of your host country's daily life?

The majority of Grummanites chose the latter. Some plunge right in; others wade in slowly.

'Mom's apple pie'

Preparing daily meals for families is perhaps the biggest challenge Grumman women face.

The easiest way to shop is at the Iranian supermarkets. They're about the same size as American deli's. Iranian supermarkets offer an international assortment of food that includes butter from Holland, pasta from Italy, cheese from Switzerland, chicken from Great Britain, honey from Hungary, and ham from Poland. Items are well-packaged but prices are comparatively high.

The adventurous — and frugal — shopper limits purchases in these markets and goes to the specialty shops where fellow inhabitants of Isfahan shop. "It's far less expensive and offers better quality food," says Marie Weik. The big drawback is that you require some knowledge of Farsi.

The Isfahan oasis is a fruit garden of grapes, peaches, apples, cherries, apricots, and pomegranates. There are at least 48 kinds of unleavened breads, either crisp or soft.

Vegetables are cheap and abundant, but seasonal. When Dan and Cynthia Cooper first moved into their new home, cabbage was their daily vegetable. For the Prices, carrots were always on the daily menu.

This problem can easily be licked, says Cynthia Cooper. "When a certain vegetable is abundant, you prepare and freeze them for future use. Several women have become excellent canners, too."

Since many items common to the American menu are rarely available in local stores, and very expensive when they are, the homekeeper in Iran makes many meals from scratch. In addition to cakes and pies, it is not unusual to have home-made ketchup, pasta, tomato sauce, applesauce, fruit cocktail, and mayonnaise served in Grumman homes. In short, even if Iranian television did feature soap operas, there is little time for them in Grumman women's lives.

"Rocal" is a new word for the Grummanites in Iran. Everything from lettuce to eggs should be rinsed in this solution for hygienic purposes before being stored. Meats are fresh-killed in Iran, so they are usually cured in the freezer by American families.

Another experience unfamiliar to Americans is bargaining in the Isfahan bazaar. It takes a while to get used to after shopping in American department stores," says Dan Cooper. "But after a few times, you begin to find it challenging and rewarding."

Bargaining with local merchants is not only a means of arriving at an agreeable price; it is also a way of socializing and a form of entertainment for Iranian merchants and their customers.

"You eventually learn the tricks of the trade," says Cynthia Cooper. "You ask how much an item is. The merchant says 1,000 rials. You make a counter offer of 500 rials. Then you converse back and forth. In some cases, you walk away, come back later with a new price, and continue the bargaining. A merchant respects the shopper who drives a hard bargain. He might not even sell it to you if you refuse to bargain. You get a great feeling of accomplishment after a good bargaining match."

Of course, there are some Grummanites living in Iran who do not shop in the bazaar or in the small food shops with local Iranians. They prefer to deal with English-speaking shop owners and shop in local supermarkets.

But for many Grummanites, the challenge of driving a good bargain and living economically off the fruit of the land offers them an opportunity of a lifetime they are not about to forego.

Together, Weiks explore new worlds

It was no honeymoon for newlyweds Kurt and Marie Weik when they arrived in Isfahan two years ago — home for their first 15 weeks was a hotel, and not the most attractive one there either.

In the morning, Kurt would go off to his job at the air base; Marie would sleep late. Staring at the walls became a favorite afternoon pastime, recalls Marie, during her recent visit to the States.

Marie confessed she had a bad case of homesickness those first few months.

Marie, a former Grumman secretary, decided to find a job. She first worked at the air base as a secretary for the company for a few months, but eventually she got a job in the city for the American School of Isfahan.

Recalling her first year as a wife, Marie says "Kurt did all the shopping and the cooking. Back home, I was bragging about my Italian dishes and for the first year we never even had spaghetti. Today, we share the cooking chores. I work in the city and do most of the shopping. My Farsi has improved with usage, so I no longer have a fear of going into the marketplace. We've learned how to make spaghetti sauce from scratch and ketchup and even mayonnaise. You have to get back to basics if you want to survive."

Travel and the chance to build a bank account lured the Weiks to Iran. When their two-year assignment came to an end this month, they decided to extend their stay until July.

They haven't fallen short of their travel goals. Avid skiers, they've mingled with the jet set at St. Moritz, and occasionally ski in Iran, too.

"When I saw how high the prices are on Long Island," said Marie, "we won't have any trouble spending our savings when we both get back to the States this summer."

Marie advises Grummanites going over to Iran to "stock up on jeans and other clothing . . . give up scotch, its $18 a quart . . . and get a cookbook that teaches you the basics."

As if to follow her own advice, before Marie cut short her Stateside visit to get back to her husband and their three-bedroom house in Khaneh, she went on her own shopping spree.

Medical program in Iran

Coping with the '7,000 mile' syndrome

Bargaining with local merchants in Isfahan's bazaar has become a challenging and entertaining experience for many Grummanites; even if there is not total understanding the merchants know how to make themselves understood to effect a sale. But you can't bargain in Farsi when you're seeking medical assistance from local physicians.

Providing medical services for Grumman families living in Iran gets top company attention, says Dr. Robert Koop, an American family physician who heads Grumman's Iran Medical Program. Dr. Koop, who is in weekly contact with Dr. Robert Jessup, director of the Grumman Medical Department, has helped to establish three company medical service facilities in the Isfahan area:

- In Shahin Shahr, a converted four-bedroom house serves as a medical dispensary and is staffed by English-speaking nurses 24-hours a day;
- In Khaneh, a new eight-hour, daily clinic opened recently; and
- In Sephahan, a privately-owned hospital in Isfahan, the company has established a 24-hour nursing assistance program. Here, the English-speaking nurses aid Americans by interfacing with the Iranian medical community, pharmacies, and public health officials.

Although Dr. Koop is not permitted to practice medicine in Iran (all professionals must be Iranian unless there is a shortage, such as in nursing), he directs the Grumman program and confers daily with two English-speaking Iranian doctors on the staff, a cardio-vascular surgeon and a general practitioner. Dr. Bahktiar is an American-trained psychiatrist and serves as family counselor. In addition, an Iranian obstetrician-gynecologist holds clinic.

Dr. Koop and his associates conduct clinic throughout the week, alternating between the Shahin Shahr and Khaneh dispensaries. They also visit the local hospital.

In addition, ambulances and emergency vehicles are manned by experienced technicians around-the-clock, says Koop. These radio-equipped units are strategically located for the most effective population coverage in both American communities.

Two-way radios

Two-way radio communications are constantly maintained between all the health-care facilities, physicians, and the ambulance corps.

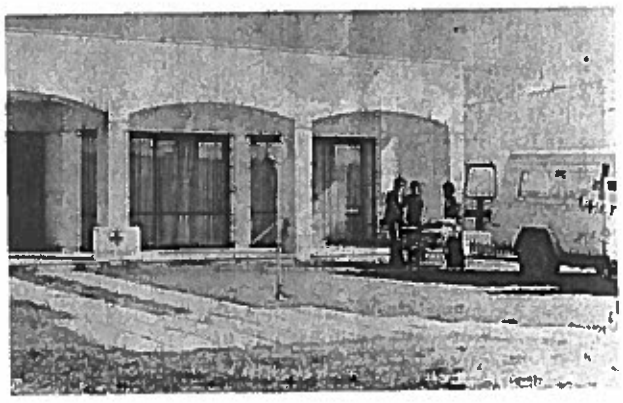
Dr. Jessup reports that there have been no serious on-the-job accidents. "Just as it is here on Long Island, most accidents occur during leisure hours."

Most injuries have occurred on the playing field and in motorcycle and auto accidents. "They play a vigorous game of American softball in Isfahan — and we have our usual cases of broken arms and legs, and cuts and bruises."

The accident rate involving motorcycles has been on the decline since the parents have been conducting safety courses with the youngsters, says Jessup.

While headaches are the most common ailment back in the U.S., diarrhea, commonly called "traveler's disease", is the number one ailment in Iran. This is also on the decline, because Grumman families are now situated in their own homes, and prepare their own meals. Of course, medication is available should any cases occur.

To date, there have been 13 babies born in Iran, with no complications, adds Dr. Koop.



The majority of illnesses are treated in Isfahan, but should a case arise that Grumman doctors believe demands specialized medical attention, the patient is sent to Tehran. If the problem is not resolved there, the patient may be sent home.

One disease that has caused Grummanites great anxiety during their stay in Iran is leishmaniosis.

It is an infection caused by a microscopic parasite carried by sand-flies. Of the three known types of leishmaniosis, the type of infection experienced in Iran is known as "oriental sore;" skin sores give first evidence of the disease.

In 1977, 36 members of the Grumman community were treated, says Dr. Koop. He stressed that it does respond to treatment, is not contagious, and does not spread from one part of the body to another.

In the early stages, the bite looks and feels like a mosquito or flea bite. After three or four weeks, if it does not heal, Grummanites should report to the medical clinic for treatment. With treatment, the disease has been known to clear in as brief a time as two months, says Dr. Koop. "Since 'oriental sore' is a skin disease, it doesn't affect the internal organs," says Dr. Koop. "It is like a case of the Chicken pox — a nuisance and possibly disfiguring, but not dangerous."

'7,000 mile syndrome'

"But, the biggest problem confronting Grummanites in Iran today is what I call the '7,000 mile syndrome'," says Dr. Jessup. "If you're sick in Massapequa, you usually take an aspirin and go to bed; in Iran, you have a tendency to fear the worst."

service milestones

35

Pino Guarino, Router and Shear (2)
Caesar Roscigno, Sub-Assy. Major (2)
John W. Burkhardt, Parts Paint (3)
William A. Walter, Elect. Test (14)
Anthony S. Cisco, Trans-Ops. (20)
James H. Aspinall, Cent. Sect. Final (36)
Louis Raganella, ILS Site Mgt. (86)

30

George B. Fowler, Sub-Assy. (1)
Adolf LoDuca, ILS Equip. Tech. Mgt. (1)
Joseph J. DeLorenzo, Mfg. Tech. Production Serv. (2)
Joseph R. Gregg, Trans-Ops. (2)
Charles J. Schmitt Jr., BPA QC Mgt/Admin. (2)
James J. Finnegan, Conv. Machines (3)
Robert T. Irvine, Wing Sub-Assy. (3)
Martin Getzelman, ILS Tech. Serv. (4)
John H. Gutkes, Prod. Cntl. (6)
Robert C. Ketcham, Matl. Shortage Cntl. (30)
Michael F. Viafora Jr., Weight Optim. and Tech. Dev. (35)
Vincenzo J. Dandona, TS Mfg. Meth. and Release (36)
John G. Hedges, B/P Warehouses (37)

25

Theodore A. Rybacki, Tech. Reqt. (1)
Anthony Ferretti, Maint. Admin. (1)
Dominick Capozzi, Parts Paint (2)
Hugh M. Thompson, Food Service (2)
Paul Darby, Parts Paint (3)
Russell Butler, Spec. Tool Design (3)
Frank DeGatino, Maint-Rearrangement (3)
Jack Wolfenden, Office Mgmt. (5)
Frank Sticco Jr., Plant Protection (18)

Discount tix

Employee Services is offering tickets for the following shows:

Chorus Line — Thursday, February 16, evening performance, $17 for orchestra seats.

The Magic Show — Thursday, February 16, evening performance, $10 for orchestra seats.

Jimmy Roselli — Wednesday, April 4 at the Colonie Hill, $7.

Tickets are now on sale at all Employee Services offices.

Russell W. Squires, Research (26)
Mary R. Gise, Medical (28)
Robert J. Harris, ILS Mech. Engg. Mgt. (35)
Mark T. Guss, Computer Applications (35)
Louis N. DeAngelis, Prog. Contracts (35)
Alfonso J. Prisco, Hull Assy. (36)
Claus G. Wendler, Indust. Engg. (43)
John J. Cherry, Inspect/QC (77)

Also included in this month's anniversaries is George W. Bauer, Mfg. Engg., Plant 66.

20

Eugene R. Piwowar, Stockrooms (4)
Robert A. Hess, Facl. and Lab. Support (5)
Edward H. Roemer, Business Analy. (5)
Julia C. Roscigno, Corp. Proc. Ops, Mgt/Stf. (30)
John F. Tchinnis, TS Dept. Mgt/Stf. (36)
Walter G. Wohleking, Prog. Manage Marine (40)
Kenneth D. Dale, Insp. Elect. (43)
James F. Grubel, Maint. Admin. (44)
Joseph A. Giarraputo, Subcontractor Surveillance (87)

15

James A. Dysart, Sub-Assy. (1)
Harold L. Jones, Stockrooms (1)
Silvia Crootof, ILS Secy. Serv. (1)
Victor Silzer, ILS Verif. and ILS Support (1)
William A. Lindenfelser, ILS RF/Controls (1)
Joseph J. Scinta, ILS RF/Controls (1)
Raymond B. MacCarthy, ILS Supply Ops. Proj. Mgt. (1)
Reginald E. Berkeley, Maint-Rearrangement (1)
Lester H. Salkin, ILS Estimating (1)
Anthony C. Repetti, Insp-Mech. (1)
Percy R. Smith, Supply Asset Cntl. (1)
James F. Hampson Jr., Controls (2)
William J. Boese, Hydraulics (2)
Herbert J. Estes, Prod-Cntl-Parts (2)
Domonick R. DiGangi, Dp. Plng. Proj. Reps. (2)
Joseph M. Spinelli, Product Plng. (2)
Edward P. Hofman, Insp-Mech. (2)
Caroline A. Wright, R.C. Mgt/Stf. (2)
Andrea F. Lenzi, Conv. Machines (3)
Thomas F. Flynn, N/C Machines (3)
Robert P. Wilcox, N/C Machines (3)
Thomas J. O'Connor, Stockrooms (3)
Otto W. Murdock, Maint-Rearrangement (3)
Cyril Swerdlin, Veh. Liaison Engg. (3)
Ellis C. Hyers Jr., Inst. Test (5)
Jack Piacente, Wood Shop (5)
Denis W. Mahnken, Wood Shop (5)
Theodore P. McCarthy, Avionics Test (5)
Robert G. VanSchaick, Support Equip. Prod. (5)
George D. Smawley Jr., Support Equip. Prod. (5)
Joseph A. Forde, ILS Elect. Pkg. (5)
John J. Tierney, ILS Sys. Tech. Mgt. (5)
Michael A. Maloney, Maint-Rearrangement (5)
Carlton Benton, Maint-Facl. Equip. and Gen. (5)
Thomas Klemenko, Environmental Dynamic Test (5)
George Costidis, Sys. Analy. (5)
William P. Phillips, Advanced A/C Sys. (5)
Herbert R. Grossman, General Manager, Pl. 5 Respon. Center (5)
Robert W. Ballin, Legal (5)
Joseph W. Bradley, Corp. Plng. Cntl. and Budg. (5)
John W. Lamb, Maint-Facl. Equip. and Gen. (6)
Eugene Serafine, Food Service (6)
Robert A. Zeltmann, Structures (6)
Richard R. Kupczyk, Prod. Mgmt. and Stf. (6)
Joseph M. Bongiorno, Prod. Cntl. (6)
Gerald M. Garett, Elect. and Mch. ILS Support (6)
Henry F. Bade, Struct. Sys. Prod. Support (6)
Harold J. Screven Jr., ILS Verif. and ILS Support (7)
Charles A. Schoenig, Sys. Integration (7)
Raymond L. Milner, Resources (7)
Thomas E. Block, Flt. SAF and Support (7)
Reginald G. Rogerson, Flt. Ops. (7)
Robert M. Lavelle, Flt. Avionics (7)
Gary R. Bates, Avionics Dev. (7)
Herbert H. McGrail, Meas. Stnd. Engg. (12)
James Toner, Maint-Facl. Equip. and Gen. (14)
Leon Antonik, Lab. Mgmt. and Tech. (14)
John E. Driscoll, Maint-Facl. Equip. and Gen. (15)

(Continued on page 12)

calendar

Aikido Club: every Mon. and Wed., 5 p.m., Pl. 35 cafe; for sport and self-defense; L.I. Aikido Federation; all guests welcome. B. Bauman, x4636/M. Stock, x7186.

Alcoholics Anonymous: every Mon., 5 p.m., Pl. 15 conference room C; closed meetings; Personnel Relations, x3521; Calverton: every Mon., 4-5 p.m., Headquarters Building; Great River: every Wed., 4-5 p.m., Pl. 43 conference room 3.

T.A. Rybacki

A. Ferretti

D.Capozzi

H.M. Thompson

P. Darby

R. Butler

F. DeGatino

J. Wolfenden

F. Sticco Jr.

R.W. Squires

R.J. Harris

M.T. Guss

L.N. DeAngelis

A.J. Prisco

C.G. Wendler

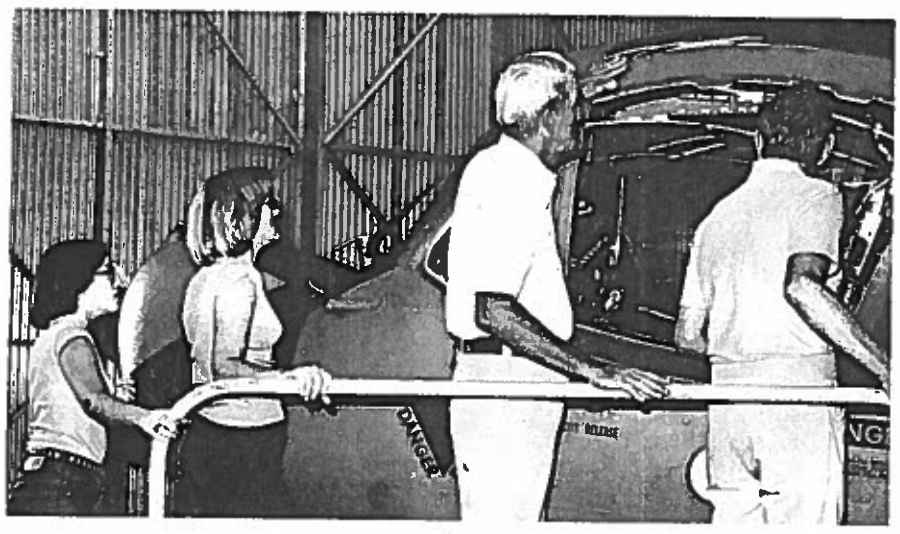
G.W. Bauer

people

Frisbies, balloons, and a close-up look at Grumman's facilities and products were just a few of the prizes for over 2,000 people who attended the recent Plant 77 Family Day open house in Stuart, Florida.

Vice President Ed Dalva, general manager of Stuart Operations, welcomed the Sunday afternoon crowd. During the day, the families, friends and neighbors of Grummanites were given opportunity to become better acquainted with the company, its products, and its people.

"Grumman's most valuable asset continues to be people," said Dalva. "Not only those employed here, but also those who support our employees at home."



Open house. *Families of Grummanites get a close-up look at the OV-1 Mohawk at a recent Family Day at the company's Stuart, Florida facility.*

Topcat of '77

Lt. Mike "Sparky" Lyle is "Topcat of the Year" for 1977.

Grumman Aerospace presents this award annually to the naval aviator who has made the most significant contributions to fighter naval aviation in the past year.

Retired Adm. Jack Christiansen, special assistant to Grumman Aerospace Chairman and President George Skurla, presented the "Topcat of the Year" award to Lyle at the 21st Annual Tailhook Reunion in Las Vegas, Nevada.

Lt. Lyle was cited for his "technical expertise, suberb organizational abilities and effectiveness as an accomplished academic and flight instructor . . . and his contributions toward the successful expansion of F-14 training in the Atlantic Fleet."

He is a member of Fighter Wing One, stationed at NAS Oceana, Virginia.

Topcat '77. *Jack Christiansen, special assistant to Grumman Aerospace Chairman and President George Skurla, presents Topcat of the Year Award to Lt. Mike 'Sparky' Lyle.*

Appointments

Among those who received changes in assignments recently were: BETHPAGE OPERATIONS — Robert Milani, manager, Industrial Engineering, Pl. 2; Chet Andrews, staff assistant, responsible for Certification, Pride of Workmanship, minor Manpower reassignment, and also coordinate and Chemical, FOD/Housekeeping in all Bethpage Ops. Responsibility Center Plants; Sam Avati, Pl. 3; Don Martinolich, Pl. 1, both appointed plant manager; Morton Rochman, production manager, Detail Parts, Pl. 2; John Robedee, Support Equip. Prod., Pl. 5; Louis Prudhom, Sub-Assy., Pl. 36, both appointed foreman; Harold Bubek, supervisor, Detail Parts; Richard Smith, material manager; William Lohrer, supervisor, Plant material Coordination, all located in Pl. 2; and Robert Phelan, in addition to his present duties, will be responsible for the night Plant Operations in the Bethpage Operations Center; E-2C PROGRAM MANAGEMENT — Bernard Farber, E-2C program manager, Development, in Pl. 25; and in DEPARTMENTAL OPERATIONS — Ronald Grippo, site manager, NAS No. Island, San Diego; and Richard Manzo, section head, Digital Engineering, Equipment Technology, both in Integrated Logistics Support Department; and in the Engineering Department John Glozek, group head, Operations, Drafting Technology and Control.

Music man

Grumman Field Service Representative Peter Franke, who is serving aboard the USS Constellation in the Western Pacific, recently received a Certificate of Merit from Adm. John O'Connor of the Chaplain Corps of the U.S. Navy.

He was recognized for his "loyal and faithful service to God and Country through outstanding contribution of time and talent to the chapel program . . .as chapel organist WES PAC 77."

metrics

Winter time is as good a time as any to start baking metric. Since the metric system will make pound cake obsolete, here's a recipe for a reasonable facsimile, plus another recipe you may wish to try. (For the convenience of those who haven't gotten their metric measuring sets yet, all ingredients are also given in good old cups and teaspoons.)

Kilogram Cake

Butter and flour a large loaf pan or two small ones. Set the oven at 149°C (300 F). Cream until light and fluffy; .236 liter butter (1 cup), .354 liter sugar (1-1/2 cups), and 4.929 milliliters vanilla (1 teaspoon). Beat in, one at a time, five eggs. Fold in; .472 liter cake flour (2 cups), and 1.232 milliliters salt (1/4 teaspoon). Pour into pan; bake about 1-1/2 hours or until done.

Old-Fashioned 4.929 Millimeter Bread (Spoon Bread)

Butter a casserole and keep it warm. Put in a saucepan: .472 liter boiling water (2 cups). Add slowly: .236 liter yellow cornmeal (1 cup), 2.464 milliliters salt (1/2 teaspoon). Cook and stir 1 minute. Remove from heat. Add 56.7 grams butter (two tablespoons). Beat well. Add four eggs, well beaten; and .236 liter milk (1 cup). Pour into casserole; bake 25 minutes at 204°C (400 F). Serves six.

Due to...

You name it. . . the flu. . . ice storms. . . blizzards. All have had an effect on the delayed publication of the January issue of PLANE NEWS.

Hopefully, that's all behind us in 1978, and we'll begin publishing twice a month again. The next issue of PLANE NEWS will be delivered on Friday, February 10.

Tourney registration

Name_____ Ext _____

Perm. No._____ Dept._____ Plt._____

Submit to GAA, A-1

Take your pick of trips

Spring in the Alps, skiing in the Berkshires, and New Orleans for the Mardi Gras are just three of the many Grumman Athletic Association vacation packages offered in 1978.

Sign-up day is Tuesday, January 31, at 5:30 in the Plant 28 auditorium for the May 23—June 3 trip to the Alps. Grumman travellers will visit southern Germany, Switzerland, and Austria. The $834 per person package includes round-trip jet transportation to Munich; three nights in Munich's Penta Hotel; three nights in Astoria Hotel in Luzerne, Switzerland; four nights in the Hotel President in Vienna, Austria; two nights in Salzburg at the Hotel Europa or Pitter Hotel. All rooms with private baths; transfers, taxes, and service charges included.

The ski weekend in the Berkshires (Mt. Tom) is scheduled for February 24—26. Round-trip bus transportation, two nights at the Colonial Hill Inn in Northampton, Massachusetts, breakfast and dinner on Saturday and Sunday, and ski instruction for beginners and intermediates are included. The weekend package costs $79.75 per person based on four or five persons per room; $86.75 for 3 persons per room; and $93.75 for two persons per room. Sign-up now at GAA.

New Orleans for the Mardi Gras is priced at $347 per person based on double occupancy and $427 for single occupancy. The price tag includes round-trip bus transportation, with a tour of the Atlanta underground, and Annapolis Naval Academy along the way. Included are hotel accommodations, six breakfasts, six dinners, three grandstand tickets to Mardi Gras parades, Mississippi River boatride, tour of the French Quarter.

For more information, visit the GAA office (next to Plant 2) or call Ext. 2133 or 2269.

Billiards tourney begins in February

Do people put away their money when you enter the pool hall? If you think you've got what it takes to be champ, you'll have to challenge Frank Castiglione for the honor. He'll be a tough man to beat. Frank has been the GAA pocket billiards champ for two years running.

All pool players are invited to take him on in the 1978 GAA tournament starting Thursday, February 16, at the House of Lords in Plainview. Matches will be held every Thursday at 5:15 p.m.

Mike Cherry, tourney director, says elimination games will be 75 points, one loss and out. When the field is reduced to four contenders, 100-point games will be played, and two losses will decide elimination.

All participants must attend the first session on February 16. Deadline for tournament sign-up is February 3.

milestones

(Continued from page 10)

William R. Mulligan, ILS Pubs. Mgmt. (15)
Charles J. Stack Jr., ILS Tech. Writing (15)
Victor Visconti, ILS Tech. Illus. (15)
William E. Neagle Jr., ILS Estimating (15)
Raymond Mulesky, B/P Warehouses (17)
John Aliberti, Property Disposition (17)
Richard H. Sweezy, Cent. Shipping Handl. (17)
Sophia H. Leloudis, DD250 Processing (17)
Thomas M. O'Connor, Plant Protection (18)
Daniel J. Treanor, Trans-Ops. (20)
Charles M. Schuhlein, ILS Equip. Tech. Mgt. (25)
Raymond L. Pratt, Sys. Analy. (25)
Vincent F. Casale, Safety and Maintainability (25)

Henry D. Wolf, Safety and Maintainability (25)
Charles S. Bobelis, Computer Interface (25)
William J. Davis, Elect. Equip. Design (25)
Charles L. Kalaghan, Specifications (25)
Douglas A. Craven, Specifications (25)
John M. Purcell Jr., Customer Reqts. (25)
Joseph N. McLaughlin, Configuration Data Mgmt. (25)
Henry Lobato, Configuration Data Mgmt. (25)
Margaret M. Sheridan, Employment (28)
Francis L. Salzman, Corp. Security (28)

Edward H. Kropf, Invent. Plng. and Analy. (30)
Michael J. Gabriel, Advance Plng. (30)
Lorraine C. DeGaidano, Machined Parts/Material (30)
Louis Alfano, Seller Surveillance (30)
Donald J. Reheuser, Fac. Admin. (30)
Joseph Darty, Maint. Admin. (30)
Mary T. Duphiney, Contract Revenue (30)
Michael N. Solomita Jr., Acctg. Adm. (30)
Patrick J. Donoghue Jr., QC Supplier (30)
Frank L. Buble, ILS Sys. Design Engg. (31)
Helias J. Doundoulakis, ILS Mech. Engg/Des. (35)
Barbara R. Spanskie, Info. Rec. and Serv. (35)
Grady S. Sullivan, Traj/Navig. and Guidance Analy. (35)
Joseph M. Lisa, Sys. Sciences (35)
Henry C. Koenigsamen, Admin. Mgt. (35)
Bruce E. Hausser, Admin. Mgt. (35)
Joseph A. Mule, QC Quality Eng. (35)
Richard Edelmann, TS Engg. Mgt/Stf. (36)
Ralph A. Iacontino, TS Cust. Trng. Instruct. (39)
Donald A. Zaros, ILS Sys. Implementation (40)
Louis P. Ceccanti, ILS RF/Cntls. (40)
Carmine DeAngelis, Struct. Design (40)
John W. Fletcher, Reliability (40)
Robert S. Aha, Optic and Display Equip. Des. (40)
Leonard I. Marsh, Drafting (40)
Carmine A. Monaco, Specifications (40)
Richard A. Patrie, Avionics Sys. Test (43)
Frank Amereno, Maint-Facl. Equip. and Gen. (44)

Charles J. O'Neil, Elect. Wire Prep. (44)
John S. Virga, Circuit Analy. (44)
Anthony Pellitteri, Prod. Supv. (44)
Martin D. Hanlon, Headquarters (60)
Arnold S. Orenstein, Maint-CETS (60)
Bernard Bernier, Maint-CETS (60)
Harold C. Sherwood Jr., Plexiglass (66)
Thomas M. Fry, Pwr. Plt. Des. (72)
John J. Conway Jr., Tech. Ops. (77)
Theodore H. Conklin, Tech. Ops. (77)
Anastasios Vousoulas, Tool and Prototype (77)
Ronald J. Kirkpatrick, QC Supplier (87)
Robert E. Stella, Engineering (88)
Thomas C. Ryder, Engineering (88)
Norman R. Swagler, Engineering (88)
Richard M. Riccardone, Engineering (88)
LeRoy C. Peka, ILS Logistic Serv. (89)
Ronald J. Folchetti, ILS Logistic Serv. (89)

Well done!

After a long arduous trek over snow covered roads on Long Island last Monday, Grummanites were relieved to find cleared roadway and parking lots inside the company gates.

Seeing such a top quality job prompted many to call the PLANE NEWS office. Said one grateful traveller, "Grumman should be in charge of snow removal for all Long Island."

On behalf of all Grummanites, PLANE NEWS salutes the hard-working members of Facilities Maintenance, Transportation and Plant Protection departments. And, not to be forgotten, the Food Services emergency crew that fed the troops.

GRUMMAN plane news

ADDRESS CORRECTION REQUESTED

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